

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/518,159 P
Source: 1600 - EFS
Date Processed by STIC: 12-29-05

ENTERED

For Pre-Grant Publication
only!

**CRF Errors Edited by the STIC Systems
Branch**

Serial Number: 10/518,159 P

CRF Edit Date: 12-29-05
Edited by: M. SPENCER

☐ Realigned nucleic acid/amino acid numbers/text increases where the sequence text "wrapped" to the next line

☐ Corrected the SEQ ID NO. Sequence numbers edited were:

☐ Inserted or corrected a nucleic number at the end of a nucleic line, SEQ ID NO's edited:

☒ Deleted: ☐ invalid beginning (end-of-file text) ☐ page numbers

☐ Inserted mandatory headings/numeric identifiers, specifically:

☐ Moved responses to same line as heading/numeric identifier, specifically:

☒ Other:

Saved as ASCII



IFW16

RAW SEQUENCE LISTING

DATE: 12/29/2005

PATENT APPLICATION: US/10/518,159P

TIME: 08:07:42

Input Set : N:\efs\10518159P_efs\pto_MS.txt

Output Set: N:\CRF4\12292005\J518159P.raw

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5 <110> APPLICANT: Cell Therapeutics Scandinavia AB
9 <120> TITLE OF INVENTION: Use of compounds having GIP activity for the
10 treatment of disorders associated with abnormal
11 loss of cells and/or for the treatment of obesity
15 <130> FILE REFERENCE: P10553
C--> 19 <140> CURRENT APPLICATION NUMBER: US/10/518,159P
C--> 19 <141> CURRENT FILING DATE: 2005-01-18
19 <160> NUMBER OF SEQ ID NOS: 10
23 <170> SOFTWARE: PatentIn version 3.1
27 <210> SEQ ID NO: 1
29 <211> LENGTH: 126
31 <212> TYPE: DNA
33 <213> ORGANISM: Homo sapiens
37 <220> FEATURE:
39 <221> NAME/KEY: CDS
41 <222> LOCATION: (1)..(126)
43 <223> OTHER INFORMATION:
W--> 47 <400> 1
48 tac gcg gaa ggg act ttc atc agt gac tac agt att gcc atg gac aag      48
49 Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys
50 1 5 10 15
52 att cac caa caa gac ttt gtg aac tgg ctg ctg gcc caa aag ggg aag      96
53 Ile His Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys
54 20 25 30
56 aag aat gac tgg aaa cac aac atc acc cag      126
57 Lys Asn Asp Trp Lys His Asn Ile Thr Gln
58 35 40
61 <210> SEQ ID NO: 2
63 <211> LENGTH: 42
65 <212> TYPE: PRT
67 <213> ORGANISM: Homo sapiens
71 <400> SEQUENCE: 2
73 Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys
74 1 5 10 15
77 Ile His Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys
78 20 25 30
81 Lys Asn Asp Trp Lys His Asn Ile Thr Gln
82 35 40
85 <210> SEQ ID NO: 3
87 <211> LENGTH: 603
89 <212> TYPE: DNA
91 <213> ORGANISM: Rattus sp.
95 <220> FEATURE:

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DATE: 12/29/2005

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TIME: 08:07:42

Input Set : N:\efs\10518159P_efs\pto_MS.txt

Output Set: N:\CRF4\12292005\J518159P.raw

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97 <221> NAME/KEY: CDS
99 <222> LOCATION: (176)..(301)
101 <223> OTHER INFORMATION:
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108 gacctgctct ctgctgctgg tgctcctgtt cctggctgtc gggctgggag aaaaagaaga      120
110 ggttgagttc cgatcccatg ctaaatttgc tggccccga ccacgaggcc caagg tat      178
111                                     Tyr
112                                     1
114 gca gag ggg act ttc atc agt gat tac agc atc gcc atg gac aag atc      226
115 Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys Ile
116           5                10                15
118 cgc caa caa gac ttt gtg aac tgg ctt ctg gcc cag aag ggg aag aag      274
119 Arg Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys Lys
120           20                25                30
122 aat gac tgg aaa cac aac ctc acc cag agagaggccc gggctttgga      321
123 Asn Asp Trp Lys His Asn Leu Thr Gln
124           35                40
126 gctggcagga caatctcaga gaaacgagga gaaagaggca caggggagct ctttgcccaa      381
128 gagcctcagt gatgaagatg tgctgaggga cttcttgatt caagagctac tggcctggat      441
130 ggcggaccaa gcagagctct gtcgactgag gtcccagtga ccgacctacc ccggagcagg      501
132 actggactct gaccttagct tgctcagatc ctgcttctgc cctgggtccaa agtctctgag      561
134 agaaccaaaac caataaagcc ttgagctgaa gtaaaaaaaaa aa      603
137 <210> SEQ ID NO: 4
139 <211> LENGTH: 42
141 <212> TYPE: PRT
143 <213> ORGANISM: Rattus sp.
147 <400> SEQUENCE: 4
149 Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys
150 1           5                10                15
153 Ile Arg Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys
154           20                25                30
157 Lys Asn Asp Trp Lys His Asn Leu Thr Gln
158           35                40
161 <210> SEQ ID NO: 5
163 <211> LENGTH: 25
165 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
173 <223> OTHER INFORMATION: synthetic construct
175 <400> SEQUENCE: 5
176 aagagggtga gttccgatcc catgc      25
179 <210> SEQ ID NO: 6
181 <211> LENGTH: 24
183 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
191 <223> OTHER INFORMATION: synthetic construct
193 <400> SEQUENCE: 6

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RAW SEQUENCE LISTING

DATE: 12/29/2005

PATENT APPLICATION: US/10/518,159P

TIME: 08:07:42

Input Set : N:\efs\10518159P_efs\pto_MS.txt

Output Set: N:\CRF4\12292005\J518159P.raw

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194 gattgtcctg ccagctccaa agcc 24
197 <210> SEQ ID NO: 7
199 <211> LENGTH: 48
201 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
209 <223> OTHER INFORMATION: synthetic construct
211 <400> SEQUENCE: 7
212 ggctttggag ctggcaggac aatctcagag aaacgaggag aaagaggc 48
215 <210> SEQ ID NO: 8
217 <211> LENGTH: 48
219 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
227 <223> OTHER INFORMATION: synthetic construct
229 <400> SEQUENCE: 8
230 tgctggcccc cgaccacgag gcccaaggta tgcagagggg actttcat 48
233 <210> SEQ ID NO: 9
235 <211> LENGTH: 48
237 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
245 <223> OTHER INFORMATION: synthetic construct
247 <400> SEQUENCE: 9
248 gtacaggtga gcactgactt gggctgaagc tcaagagttg gttctgcc 48
251 <210> SEQ ID NO: 10
253 <211> LENGTH: 48
255 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
263 <223> OTHER INFORMATION: synthetic construct
265 <400> SEQUENCE: 10
266 cctgttcacg tcctttcatgc tgcgagcagg ggccatcctc acccgaga 48

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VERIFICATION SUMMARY

DATE: 12/29/2005

PATENT APPLICATION: US/10/518,159P

TIME: 08:07:43

Input Set : N:\efs\10518159P_efs\pto_MS.txt

Output Set: N:\CRF4\12292005\J518159P.raw

L:19 M:270 C: Current Application Number differs, Replaced Current Application No

L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:47 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:43

L:105 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:101



IFW16

RAW SEQUENCE LISTING

DATE: 12/29/2005

PATENT APPLICATION: US/10/518,159P

TIME: 08:03:08

Input Set : N:\efs\10518159P_efs\pto_MS.txt

Output Set: N:\CRF4\12292005\J518159P.raw

5 <110> APPLICANT: Cell Therapeutics Scandinavia AB
 9 <120> TITLE OF INVENTION: Use of compounds having GIP activity for the
 treatment of
 10 disorders
 11 associated with abnormal loss of cells and/or for the treatment of
 12 obesity
 16 <130> FILE REFERENCE: P10553
 C--> 20 <140> CURRENT APPLICATION NUMBER: US/10/518,159P
 C--> 20 <141> CURRENT FILING DATE: 2005-01-18
 20 <160> NUMBER OF SEQ ID NOS: 10
 24 <170> SOFTWARE: PatentIn version 3.1

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

252 <210> SEQ ID NO: 10
 254 <211> LENGTH: 48
 256 <212> TYPE: DNA
 258 <213> ORGANISM: Artificial Sequence
 262 <220> FEATURE:
 264 <223> OTHER INFORMATION: synthetic construct
 266 <400> SEQUENCE: 10
 267 cctgttcacg tctttcatgc tgcgagcagg ggccatcctc acccgaga
 E--> 270 (3)

48

Please remove extra material
 at end of file.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/518,159P

DATE: 12/29/2005

TIME: 08:03:09

Input Set : N:\efs\10518159P_efs\pto MS.txt

Output Set: N:\CRF4\12292005\J518159P.raw

L:20 M:270 C: Current Application Number differs, Replaced Current Application No
L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:48 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:44
L:106 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:102
L:270 M:254 E: No. of Bases conflict, this line has no nucleotides.